MOTION / VOTE:

The City Council, on motion of Council Member Johnson, Hansen second, approved the removal of three trees at 1345 West Kettleman Lane in conjunction with Animal Shelter arts project. The motion carried by the following vote:

Ayes: Council Members – Hansen, Johnson, Katzakian, and Mayor Mounce
Noes: Council Members – Hitchcock
Absent: Council Members – None

E-18 "Adopt Resolution Authorizing Supplemental Funds from the Parks and Recreation Impact Fee Account Toward the Current Restroom Improvements at Henry Glaves Park and Beckman Park ($30,000)"

This item was pulled for further discussion by Council Member Hitchcock.

In response to Council Member Hitchcock, Mr. King stated Proposition 12 and Proposition 40 funds are both based on per capita allocations. He stated the nexus requirements are met because the proposed project is an expansion project and will spend down money from the funds as required.

Interim Parks and Recreation Director **Steve** Dutra provided an overview of the proposed park restroom expansion project. In response to City Attorney Schwabauer, Mr. Dutra stated the facilities are expanding in size by **a** minimum of one stall per facility. Mr. Schwabauer stated that, while impact fees cannot be used for existing improvements, they can be **used** for expansion projects and he is comfortable with the recommended action.

MOTION/VOTE:

The City Council, on motion Council Member Hitchcock, Katzakian second, unanimously adopted Resolution No. 2008-28 authorizing supplemental funds from the Parks and Recreation Impact **Fee** Account toward the current restroom improvements at Henry Glaves Park and Beckman Park in the amount of $30,000.

F. COMMENTS BY THE PUBLIC ON NON-AGENDA ITEMS

- Rebecca Wallace, Wal-Mart Store Manager, presented the World of Wonders Science Museum with a donation of $25,000.
- Frank Beeler provided an overview of the Salmonid Restoration Conference to **be** held at Hutchins Street Square on March 5-8, 2008, and invited everyone to attend.

G. COMMENTS BY CITY COUNCIL MEMBERS ON NON-AGENDA ITEMS

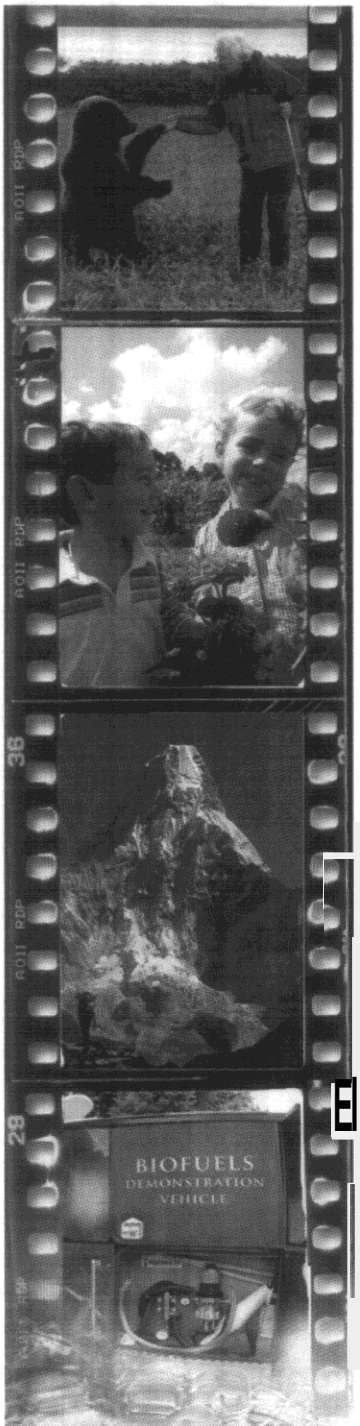
- Council Member Johnson stated the City Council has not received a salary adjustment in 18 years and requested the matter be placed on a future agenda.
- Mayor Pro Tempore Hansen reported on his attendance at two commission meetings and an Executive San Joaquin Council of Governments' meeting. He specifically discussed the Smart Growth fund, Law and Legislative Committee agenda, California climate control, AB 32, and greenhouse gas emission concerns.

H. COMMENTS BY THE CITY MANAGER ON NON-AGENDA ITEMS

- City Manager King reported that the City recently received two San Joaquin Awards for Excellence related to the wine industry.

I. PUBLIC HEARINGS

None.



patagonia presents the

Wild & Scenic™ ENVIRONMENTAL FILM FESTIVAL

SYRCL A PRODUCTION OF THE SOUTH YUBA RIVER CITIZENS LEAGUE

Rita
..... *by* Alison Blehert-Koehn

Tales of the San Joaquin
..... *by* Christopher Beaver

Oil and Water Project
..... by Seth Warren

The Edge of Eden: Living with Grizzlies
..... *by* Jeff & Sue Turner

Thursday, March 6th

6:45-10 pm, Performing Arts Theater at Hutchins Street Square

125 S. Hutchins Street, Lodi, CA

$12, $8 for students and seniors. Advance tickets can be purchased at Sierra Adventure Outfitters 120 N. School Street Lodi. CA 95240, or at the door

natural care Tom's of Maine · REI www.rei.com · CLIF BAR · Sierra Adventure Outfitters · Whole Foods · Lodi Rules Certified · Michael David Family Farms · Brighter Planet · Lodi Beer

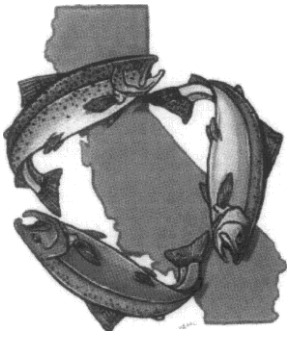
For more info, please call Salmonid Restoration Federation at (707) 923-7501 or visit www.calsalmon.org

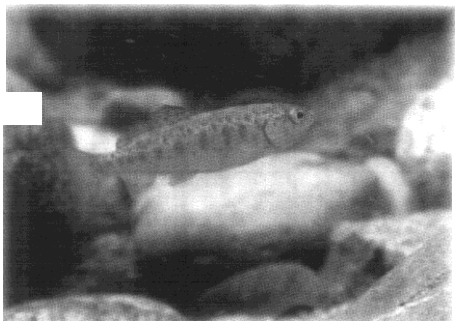
Salmonid Restoration Federation's

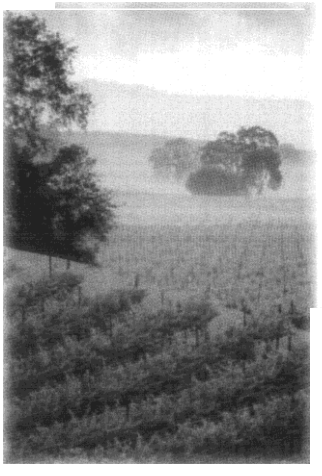
26th Salmonid Restoration Conference

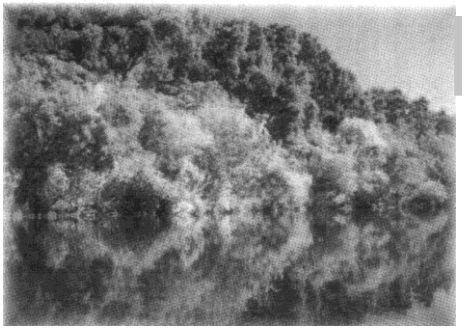
Salmonid Restoration and Recovery in the California Heartland

March 5-8, 2008
Lodi, CA









Co-Sponsors:

California Department of Fish and Game, California Department of Water Resources, California Trout, CalFed Bay-Delta Program, City of Lodi Public Works Department, Clearwater Hydrology, Cramer Fish Sciences, Lower Mokelumne River Partnership, East Bay Regional Parks, Eyak Preservation Council, Forest, Soil, and Water, Inc., Friends of Trinity River, Meadowbrook Conservation Associates, McBain & Trush, Mendocino County RCD, Natural Resources Defense Council, NOAA Fisheries, Pacific Coast Fish, Wildlife and Wetlands Restoration Association, Pacific Watershed Associates, Pacific Coast Federation of Fishermen's Associations, Pacific Gas and Electric, Revive the San Joaquin, Robertson-Bryan, Inc., Sierra Club-Delta Sierra Group, Solano County Water Agency, Stoecker Ecological, Trout Unlimited, USDA Natural Resources Conservation Service, US Fish & Wildlife Service, Wildlands, Inc, Winzler and, Woodbridge Irrigation District

training workshops & field tours

Wednesday, March 5

Workshops

Workshop '1: Fins and Zins

Workshop and Field Tour Coordinator: Kent Reeves, Yolo County Department of Parks & Natural Resources

The classroom portion of the workshop will address the challenges of sustainable agriculture with an emphasis on winegrowing in the Lodi Region.

Biodiversity and Agriculture, Jo Ann Baumgartner, Wild Farm Alliance

Developing Hedgerows for Biodiversity, Sam Earnshaw, Community Alliance with Family Farmers

Implementing Sustainable Winegrape Crowing in San Joaquin County, Cliff Ohmart, Research Director, Lodi-Woodbridge Winegrape Commission

Monitoring Biodiversity in a Working Landscape, Kent Reeves, Yolo County Department of Parks & Natural Resources

Workshop 2: Non-native Invasive Species—Preventing, Detecting, Monitoring, and Managing

Coordinators: Kim Webb and Louanne McMartin, US Fish & Wildlife Service

The workshop will highlight practical information on control, prevention, and eradication of non-native invasive species (NIS), NIS management tools, resource materials to improve effectiveness in the field, training of Hazard Analysis Critical Control Point (HACCP) planning for natural resource management, as well as to provide networking opportunities with practitioners, researchers and government officials.

Environmental Compliance Process for Conservation Projects, Ajay Singh, Stony Creek Watershed Coordinator/Conservation Planner, Glenn County Resource Conservation District

Hazard Analysis Critical Control Point (HACCP) as a Planning Tool that Identifies and Evaluates Potential Risks for Introducing Invasive Species, Jonathan Thompson, US Fish & Wildlife Service

Troubled Waters: Biological Invasion of Our Water Systems, Kim Webb, Project Leader. US Fish & Wildlife Service

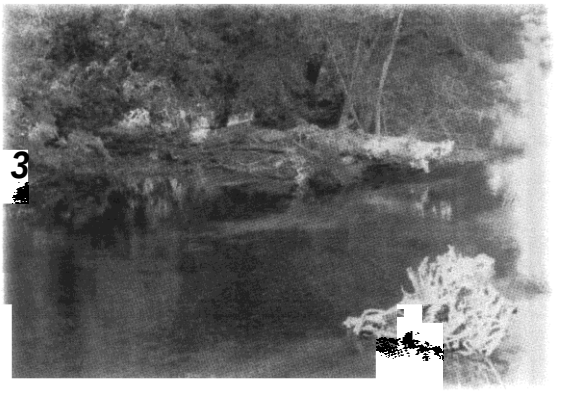
Guidance on Minimizing Spread of Aquatic Invasive Species When Implementing Fish Passage Projects, Dave Hu, Habitat Restoration Coordinator, US Fish & Wildlife Service

Successful Techniques for Removing and Controlling Invasive Species, Dan Efseaff, Restoration Ecologist and Christiana Conser, Restoration Biologist River Partners

Field Trips

Fins and Zins Afternoon Field Tour:

Following the morning classroom session we will visit three vineyards and a walnut orchard where riparian restoration, Integrated Pest Management, hedgerow planting for insectaries, and other sustainable practices will be viewed and discussed. The day will end at the Lodi Wine and Visitor's Center with wine tasting from Lodi vineyards that are implementing land management that benefits fish and wildlife, and are certified through the LODI Rules! for Sustainable Winegrowing Program.



Participants will visit Knight's Ferry on the Stanislaus River that is in the beginning stages of a side channel and floodplain restoration project.
photo: courtesy of Cramer Fish Sciences

Stanislaus River Tour

Coordinators: JD Wikert and Carl Mesick, Anadromous Fisheries Restoration Program, US Fish & Wildlife Service; Tim Heyne, Jason Guignard, and Fred Jurick, CA Dept. of Fish & Game; and Jesse Anderson, Cramer Fish Sciences

This tour will visit restoration and monitoring sites on the Stanislaus River including the Lover's Leap site which created 25 riffles and used large boulders and woody debris to create habitat and side-channel habitat and a lower floodplain bench. Participants will see the Knight's Ferry site to view ongoing gravel restoration and the potential floodplain restoration project and discuss the basin temperature monitoring/modeling project, escapement surveys, habitat modeling and the weir.

Thursday, March 6

Workshops

Fish Passage and Protection Workshop

Coordinators: Mike Love, Mike Love & Associates and Steve Allen, Winzler & Kelly

In this workshop speakers will present fish passage and protection projects on rivers and larger streams. The workshop will conclude with hands-on instruction using the newest version of the FishXing software.

Evaluating Suitability of Fish Passage Design Alternatives for the BART Weir. Alameda Creek, Kozmo Ken Bates, private consultant

Developing Fish Resting Pools for a Concrete Flood Control Channel on Corte Madera Creek, Marin County, Michael Love, Michael Love & Associates

continued on page 9

Salmonid Restoration Federation 2008 Conference

Individual Registration Form (PLEASE USE ONE FORM PER PERSON)

• Advanced Registration Must Be Postmarked By February 15, 2008 •

Name:_____ Phone (work):_____

Address: _____ (home): _____

_____ email: _____

Affiliation: _____ Please check **box** if **you** are a presenter ❑

Training Workshops & Field Tours	Advance Registration	Late Registration	FEE
Wednesday, March ***5,2008***			
1. Fins and Zins Workshop and Tour	$50	$60	_____
2. Non-Native Invasive Species Workshop	$50	$60	_____
3. Habitat Restoration and Monitoring Projects on the Stanislaus River	$50	$60	_____
4. City of Lodi Watershed Education Tour (5:15-6:30pm)	$15	$20	_____
Thursday, March ***6,2008***			
5. Fisheries Monitoring and Management Programs on the Mokelumne River	***$50***	$60	_____
6. Fish Passage Workshop	$50	$60	_____
7. Restoring Seasonal Floodplains Workshop and Cosumnes River Preserve Tour	**$50**	$60	_____
8. Tuolumne River Restoration Tour	$50	$60	_____
* Field tours include a bagged lunch and transportation. Please wear clothing, raingear and shoes appropriate for field tours.			
Wild and Scenic Environmental Film Festival	$10	$12	_____
Conference			
March **7-8, *2008*** (includes Friday and Saturday lunch and a copy **of** the Proceedings)			
SRF Member (individual membership only)	$110	$140	_____
Non-member	$160	$190	_____
Student (with photocopy of student ID)	$70	$80	_____
Saturday Banquet			
(Preference: Salmon —— Chicken ____ Vegetarian____)	$30	**$30**	_____

Membership

O New O Renewal

Individual Memberships: ❍$25 Alevin ❍$50 Fry ❍$100 Smolt ❍$250 Jack ❍$500 Spawner _____

Payment Total _____

Method of Payment ❍ Check ❍ Money **Order** O Purchase Order

Purchase Orders will only **be** accepted for **5** or more people registering. Each registrant will need to fill out an individual form.

❍ VISA ❍ MasterCard Credit Card#_____ Exp. Date _____

Approval Signature _____

Mail form and payment to: SRF Conference, PO Box 784 Redway, CA 95560 **(Make checks payable to: SRF)**

phone: (707) 923-7501 • fax: (707) 923-3135 • e-mail: srf@calsalmon.org

Please Note: We do not give refunds • Receipts provided upon request • This form is available at *www.calsalmon.org*

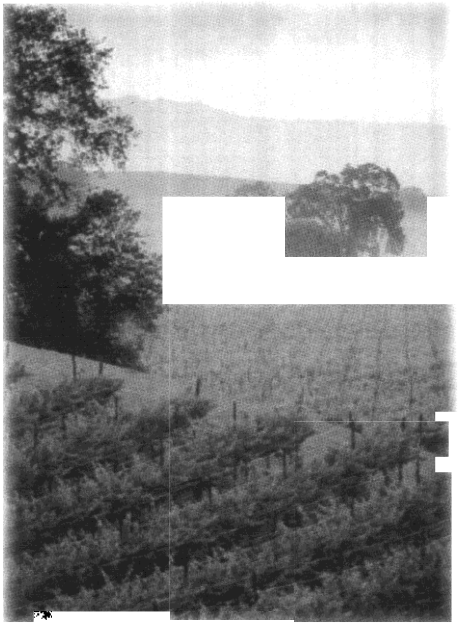
Fins and Zins

A Workshop and Field Trip in Sustainable Agriculture and Riparian Management

Livestock and winegrape production are two of the largest agricultural land uses in California and encompass over 38.5 million acres combined. These two forms of agriculture production have been an important component of California's economic and social fabric since the establishment of the first Spanish mission in San Diego in the late 1700's. Combined, livestock and winegrape production contribute over $50 billion annually to California's economy. Walnuts were also introduced by the Spanish in the early 1800's. The "mission" walnuts were similar to the native California walnuts that were very small with a hard shell. The introduction of the "English" or "Persian" walnut in the mid-1800s helped to expand walnut farming began to expand in the state. Today, California produces 99% of the walnuts in the United States, and most of that production is centered in San Joaquin County. Resource management professionals recognize the role of sustainable agriculture in the conservation of fish and wildlife. Therefore, understanding the sustainable management of livestock, winegrape, and walnut production can contribute to an overall benefit for fish and wildlife influenced by these three forms of agriculture.

Implementation of Sustainable Winegrape Growing in San Joaquin County, California

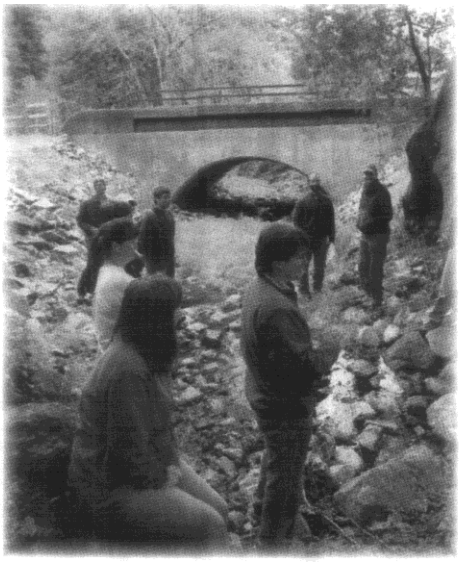
California is one of the world's leading grape producers, accounting for 90 percent of U.S. production and more than nine percent of global output—fourth largest after France, Italy, and Spain. Winegrapes are grown in 46 of California's 58 counties covering 513,000 acres and rank among the state's top 10 agricultural products. Within the agriculture industry, California winegrape growers are considered leaders in the sustainable farming arena. However, how does one implement sustainable farming in their own vineyard? The classroom portion of the workshop will address the challenges of sustainable winegrowing, which are: 1) Defining sustainability; 2) Implementing sustainable winegrowing practices in the vineyard; 3) Measuring progress at the individual vineyard level; and 4) Certifying growers who meet specific standards under the LODI Rules! Certification Program. Examples of sustainable winegrape growing adjacent to riparian areas will he discussed.



Participants in the Fins and Zins tour will visit vineyards that are utilizing sustainable practices in their agricultural methods.

photo: Dale Goff

Fish Passage and Protection on Flow-Regulated Rivers and Streams



Mike Love explained the engineering concepts behind the design of this bridge for fish passage during the SRF fish passage field schools this fall.

photo Dana Stolzman

Providing upstream fish passage and downstream fish protection on flow-regulated rivers and streams is technically challenging. For upstream passage various types of fishways are often used, and screening of water diversions is a common means of protecting juvenile salmonids from injury, stranding, and predation as they migrate downstream. Both fishways and fish screens are based on a hydraulic design approach, which must consider the hydraulic environment, sediment and debris loading, the swimming abilities and behavioral characteristics of the target fish, and the potential for increasing predation or poaching opportunities. Additionally, site and cost constraints frequently make it infeasible to satisfy all existing design criteria over the entire design flow range. In these conditions the objective often becomes one of maximizing the range of flows so that passage or protection can he provided. With all of these considerations, there is a substantial amount of uncertainty concerning the anticipated performance of a particular fish passage or protection project once it is constructed. Given that these types of projects are generally costly to implement, it is critical that we examine and learn from previous projects to maximize the potential for success.

In this session speakers will present recently completed fish passage and protection projects on rivers and larger streams, with a focus on project design, implementation, and lessons learned. Presentations will also emphasize the various elements that were, or should have been, considered in the project design phases.

Training Workshops & Field Tours, continued from page 6

Hydraulic Modeling and Evaluation of Fish Passage at Rock Vortex Weirs, Denis Ruttenberg, Prunuske Chatham, Inc

Design and Maintenance Considerations of *Various Fish Screening Methodologies—A Historical Perspective,* David Nichols, Northwest Environmental Services

fish Screen Design Examples of Several Installed Diversion Structures, Mark Wharry, SJO Consulting Engineers/Winzler & Kelly

fish Passage and Screening Design Interplay, Hydraulic Design Challenges of *Irrigation District Diversions,* Steven Allen, Winzler & Kelly

Afternoon Training: Using the FishXing 3.0 Software to Design Stream Crossings for Fish Passage: Note, If possible, bring a lap-top loaded with the software

Restoring Seasonal Floodplains of the Central Valley

Coordinator: Joshua Viers, Department of Environmental Science & Policy, UC Davis

In the workshop we will use the experimental restoration of the Cosumnes River floodplain to examine watershed dynamics and modeling, geomorphic response to levee breaches, primary production in seasonal flooding regimes, salmonid reproduction on floodplains, and riparian vegetation dynamics.

Watershed Dynamics and Modeling, Larry Rodriguez, Robertson-Bryan, Inc.

Geomorphic Response to Levee Breaches, Jeff Mount, UC Davis

Salmonid Reproduction on Floodplains, Carson Jeffres, UC Davis Center tor Watershed Sciences

Riparian Vegetation Dynamics, Joshua Viers, Department of Environmental Science & Policy, UC Davis

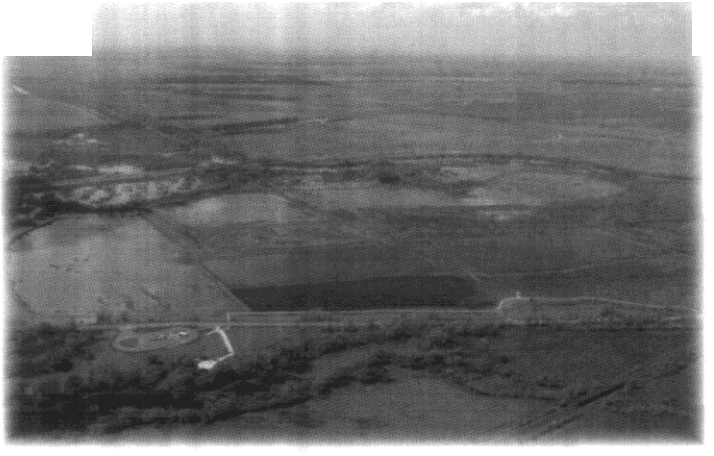
Primary Production in Seasonal Flooding Regimes, Ed Grosholz, Cooperative Extension, UC Davis

Hydrologic, Geornorphic, and Ecological Tools for Setback Floodplain Design: Lessons learned on the Bear River and Feather River Levee Setback Projects, Eric Ginney, Philip Williams & Associates, Ltd.

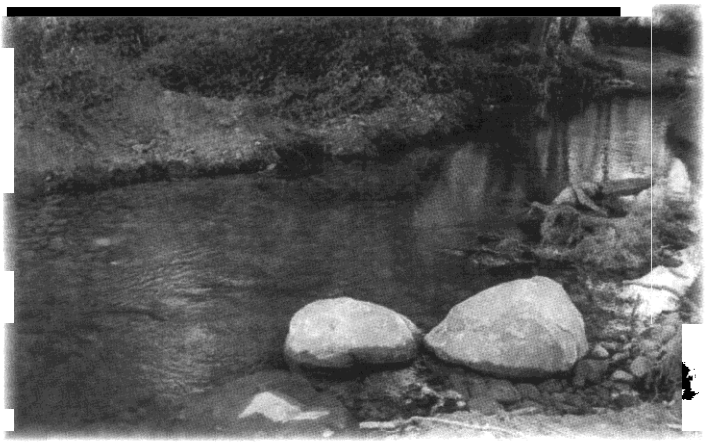
Afternoon Tour of the Cosumnes River Preserve

Field Tour leaders: Joshua Viers and Ed Grosholz, UC Davis

This tour will be accompanied by botanists and birders for a multidisciplinary excursiori in which field tour participants will examine sites of experimental levee breaches, seasonal floodplains, and restored riparian forests located at the Cosumnes River Preserve.



Cosumnes River Preserve Area during a flood in 2005.
photo: courtesy Robertson-Bryan, Inc.



The SRF Conference will feature an all-day field tour of monitoring and restoration projects on the Mokelumne River as well as a concurrent session focussing on restoration, monitoring, and management of a regulated river.
photo: Michelle Workman

Thursday, March 6

Field Tours:

Restoration on the Tuolumne River: Looking Back on Implementation and Assessment and looking Forward to Future Restoration Efforts

Tour leaders: Scott McBain, McBain & Trush, Inc.; Carl Mesick, Anadromous Fish Restoration Program US Fish & Wildlife Service; Tim Heyne, CA Dept. of Fish & Game; Wilton Fryer, Turlock Irrigation District; Patrick Koepele, Tuolumne River Preservation Trust; arid Dave Boucher, Friends of the Tuolumne.

This field tour will provide an overview of the restoration strategies on the three major tributaries to the lower San Joaquin River, how these strategies have influenced Chinook salmon population trends, and examine potential limiting factors to salmon production. The tour will visit several restoration sites where specifics of restoration approach, design, and effectiveness will be discussed as a group. The field tour will conclude with a group discussion of new restoration strategies for the future, and will complement a similar field tour of the Stanislaus River to be conducted on the previous day.

Fisheries Monitoring and Management Programs on the Mokelumne River

Field Tour Coordinator: Michelle Workman, East Ray Municipal Utility District

Tour leaders: Steve Boyd, Michelle Workman, James Smith, and Steve Pagliughi, East Bay Municipal Utility District: Bob Anderson, CA Dept of Fish & Game; Gregory Pasternack, UC Davis; and David Hu, Anadromous Fisheries Restoration Program, US Fish & Wildlife Service

Participants will visit the hatchery facility and see how hatchery production plays a role in regulated river management, a gravel restoration site aimed at increasing spawning habitat and floodplain inundation potential, two engineered side channels designed to provide juvenile rearing habitat, and a juvenile migration monitoring stationanddiscussvarious aspects of fisheries monitoring on the river.

Logistics on page 14

Conference events & sessions

Friday, March 7

Plenary Session 9:30 am to noon

Plenary Moderator: Seth Zuckerman, editor of *Salmon Nation*

Watershed Bills and Watershed Moments in the California State Legislature, Jared Huffman, California State Assembly Member

Salmon in 2100: Some Recovery Strategies that lust Might Work, Robert Lackey, US Environmental Protection Agency

Living in Interesting Times: New Challenges for Salmon in the Delta, Christina Swanson, Senior Scientist, The Ray Institute

Springing Back Chinook Salmon and Other Native Fishes to the San Joaquin, Peter Moyle, Fisheries Biologist, UC Davis and author of *Inland Fishes*

Friday Afternoon Concurrent Sessions

Recovery Planning Models

Session Chair: Diane Windham, Central Valley Recovery Coordinator, NOAA Fisheries

NMFS Central Valley Solmonid Recovery Planning Efforts, Diane Windham, Central Valley Recovery Coordinator, NOAA Fisheries

Planning for Recovery of Central California Coast Salmonids, Charlotte Ambrose, Central Coast Recovery Coordinator, National Marine Fisheries Service

A Basic Strategy for Steelhead Recovery in South-Central and Southern California, Mark H. Capelli, South-Central/Southern California Steelhead Recovery Coordinator, National Marine Fisheries Service

Informing Recovery Planning: Habitat Modeling for Coho Salmon, Chinook Salmon and Steelhead in California and Southern Oregon, Ethan Mora, NOAA Fisheries and UC Santa Cruz

Assimilating and Rating Existing Aquatic Habitat and Upland Data to Support Recovery Planning of ESA listed Salmon and Steelhead, Patrick Higgins, Klamath River Information System

Participation in Hydro Relicensing as a Tool for Furthering NOAA Fisheries Mission, Steve Edmondson, NOAA Fisheries, Habitat Conservation Division

Dam Removal and Modifications for Salmonid Recovery

Session Coordinator: Matt Stoecker, Beyond Searsville Dam arid Stoecker Ecological

Dam Removals Large and Small, How Best to Learn from them All?, Marcin Whitman, CA Dept. of Fish & Game

The Very Hungry River: Spectacular Ceomorphic Response of the Sandy River to Removal of Marmot Dam, Gordon Grant, USDA Forest Service. Pacific Northwest Research Station

Matilija Dam: Implications of Dam Removal on Floodploin and Watershed Management, Paul Jenkin, Ventura County Chapter of the Surfrider Foundation & Matilija Coalition

Klamath River Dam Removal and FERC Relicensing, Steve Rothert, American Rivers

Removing Searsville Dam—Stonford University's Unique Ecosystem Restoration Opportunity, Matt Stoecker, Beyond Searsville Dam and Stoecker Ecological

The Promising Role of Dam Reoperation and Dom Removal in the Restoration of Salmonids in the Son Francisco Bay-Delta and Central Valley Watersheds, Ann Hayden, Environmental Defense

Central Valley Chinook, Steelhead, and Trout

Session Coordinators: Cindy Charles, Golden West Women Flyfishers and Rob Dickerson, Trout Unlimited

Restoring Rangeland Watersheds & Freshwater fisheries: Pine Creek Watershed & Eagle Lake Rainbow Trout, Lisa C. Thompson, Wildlife, Fish and Conservation Biology Department, UC Davis

Ancestry and Origins of Oncorhynchus mykiss, Steelhead/Rainbow Trout in the Central Valley Inferred from Population Genetic Analysis, J.Carlos Garza, Southwest Fisheries Scieric Center, NOAA Fisheries

Factors Influencing Chinook Salmon Production on the Lower Tuolumne, Dean Marston and Tim Heyne, CA Dept. of Fish & Game

Yuba River Salmon: Status and Challenges, Gary Reedy, South Yuba River Citizens League

Butte Creek Salmon ond Steelhead Restoration—Can Salmonid Restoration and Hydroelectric Operations Coexist?, Allen Harthorn, Friends of Rutte Creek

The Sacramento River Ecological Flows Tool (SacEFT): A Tool for Evaluating Water Management Operations Effects on Sacramento River Fish Populations, Ryan Luster, Sacramento River Project, The Nature Conservancy

Saturday March 8

Morning Concurrent Sessions

Hydrology, Native Salmon, and Ceomorphology: Insights to Rehabilitating the San Joaquin River

Session Coordinators: Scott McBain, McBain arid Trush and Eric Ginney, Philip Williams & Associates, Ltd.

Overview of Hydrology and Geomarphology of the San Joaquin River, Scott McBain, McBain and Trush

Groundwater and Surface Water Interactions Along the Son Joaquin River, Peter Vorster, The Bay Institute

Bed Mobility Thresholds and Flow Regimes to Restore Salmon on the Son Joaquin River, Matt Kondolf, UC Berkeley

Matching Solmonid Life History Strategies to a Restored San Joaquin River, Mike Fainter, Ecosystem Restoration Sciences arid Frank Ligon, Stillwater Sciences

Integrating Restoration with Flood Management Improvements on the San Joaquin River, Paula Landis, CA Dept. of Water Resources

Engaging Watershed Communities in Salmonid Restoration

Session Chair: Jeff Martinez, South Yuba River Citizens League

Development and Implementation of Floodplain Restoration Projects Benefiting Salmonids and Terrestrial Wildlife Species, Stacy L. Small, River Partners-San Joaquin Valley Project

Becoming Stewards of the Land We Live On, Derek Hitchcock and Jeff Martinez, South Yuba River Citizens League

Redefining the Community, Sharon Weaver, San Joaquin River Parkway and Conservation Trust

California Conservation Corps—California's Future Restoration Workers, Allan Renger, CA Dept of Fish & Game; Leah Mahan, National Marine Fisheries Service; John Griffith, California Conservation Corps

Implementation of the Lower Mokelumne River Watershed Stewardship Plan: Lessons in Collaboration, John Brodie, San Joaquin County Resource Conservation District & East Ray Municipal Utility District and Richard Leong, East Ray Municipal Utility District

Basins of Relations, Brock Dolman, Occidental Arts & Ecology Center

Friant Dam on the San Joaquin River
photo NRDC

Monitoring, Restoration, and Management in the Central Valley

Session Chair: Jesse Anderson, Cramer Fish Sciences

2007 Merced River Juvenile Salmonid Out-migration Monitoring, John Montgomery, Cramer Fish Sciences

Juvenile Chinook Salmon Out-rnigrant Abundance Estimates in the Lower Stanislaus River, Clark Watry, Cramer Fish Sciences

Comprehensive Assessment and Monitoring Program (CAMP) for Anodromous Fish, Doug Threloff, US Fish & Wildlife Service-CAMP

Evaluating Success of Restoring Ecosystems Using a Bioenergetics Model, Ayesha Gray, Cramer Fish Sciences

Flood Corridor Restoration Improves Anodromous Fish Migratory Habitat at the Big Bend Project Along the Tuolumne River, California, Patrick Koepele, Tuolumne River Trust

Envisioning Futures for Habitat Restoration ond Salmon Protection in the Delta, Christina Swanson, The Bay Institute

Saturday Afternoon Concurrent Sessions

San Joaquin River Restoration: the Rebirth of a River

Session Chair: Zoltan Matica, CA Dept. of Water Resources

Genetic Issues for the Reintroduction of Native Fishes on the Son Joaquin River, Josh Israel, Department of Animal Science and Center tor Watershed Sciences, UC Davis

Toxicological Considerations in the Restoration of San Joaquin River Solmonids, Abimael Leon Cardona, San Joaquin District, CA Dept. of Water Resources

Bringing Native (and other) Fishes Bock to the Son Joaquin, Peter B. Moyle, Center tor Watershed Sciences and Department of Wildlife, Fish and Conservation Biology, UC Davis

Blueprint for River Restomtion: a Summary of the San Joaquin River Settlement Agreement, Monty Schmitt, Natural Resources Defense Council

Agency Approaches to the San Joaquin River Restoration Program, Jason Philips, US Bureau of Reclamation and Dan Castleberry, US Fish & Wildlife Service.

Fisheries Management Planning Approach, Jeff McLain, US Fish & Wildlife Service

Managing a Regulated River: Restoration, Monitoring and Management on the Mokelumne River

Session Coordinator: Michelle Workman, East Bay Municipal Utility District

Management implications of Mokelumne River Salmon Origin (Hatchery versus Wild), J.D.Wikert, Anadromous Fish Restoration Program, US Fish & Wildlife Service

Evaluation of a Volitional Release Strategy for Hatchery-produced Central Valley Chinook Salmon in The Lower Mokelumne River, California, Michelle L. Workman, East Ray Municipal Utility District

Evaluation of a Volitional Release Strategy for Hatchery-produced Central Valley Steelhead in The Lower Mokelumne River, California, Joseph E. Merz, Cramer Fish Sciences

Ceomorphic and Ecological Interactions of Large Wood and Pacific Salmonid Redds Across Habitat Units in the Mokelumne River, Anne Senter, Department of Land, Air, Water Resources, UC Davis

The Effects of Engineered Side Channel Habitat on Macroinvertebrate and Fish Populations in the Mokelumne River, Walter Heady, UC Santa Crur

Using GIS in Salmonid Spawning Surveys: A Valuable Tool for Designing Projects and Measuring Success, Jose Setka, East Bay Municipal Utility District

Restoring Natural Hydrographs

Session Coordinator: Gregory B. Pasternack, Department of Land, Air, and Water Resources, UC Davis

Engineered Channel Controls Are More Limiting Than Flow Regime For Rehabilitating Many Of California's Regulated Rivers, Gregory B. Pasternack, Department of Land, Air, and Water Resources. UC Davis

System-Wide Analysis of the Potential to Restore Environmental Flows and Augment Water Supplies in the Central Valley Tributaries through Reservoir Reoperation and Fluvial Process Restoration, Gregory A. Thomas, Natural Heritage Institute

Changes in River Ecological Functionality Due to Floods and Gravel in Two Regulated Central Valley River, Marisa I. Escobar, Department of Land, Air, and Water Resources, IJC Davis

Can Gravel Augmentation Below Dams Mitigate Thermal Effects of Reservoirs?, Gordon E. Grant, USDA Forest Service, Pacific Northwest Research Station

Improving the Understanding of Sediment Pulse Impacts on Downstream Biological Processes, Scott Dusterhoff, Stillwater Sciences

Cabaret & Banquet

6 00pm Wild Salmon Banquet
7 00pm Awards & Cabaret
8 30pm Dance with Sambada